

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 04 May 2021 until 23:59 on Wednesday 05 May 2021

Forecast Issued on Monday 03 May 2021 at 15:15

Confidence: High for continuing unsettled spells of weather, moderate for shower distribution and intensity.

Headline for Tuesday 04 May 2021: Showers merging to some longer spells of rain, gales on the summits easing.

Mountain weather hazards on Tuesday 04 May 2021

Blizzards

No Likelihood

Gales

High Likelihood

Thunderstorms

Low Likelihood

Heavy Snow

No Likelihood

Severe chill effect

High Likelihood

Heavy persistent rain

Low Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Sleet showers (night)	Sleet showers (night)	Sleet	Sleet	Sleet	Sleet showers	Sleet showers	Partly cloudy (night)
Precipitation probability							
80%	60%	60%	60%	60%	70%	70%	40%

Forecast for Tuesday 04 May 2021

Weather: Cloudy through the early hours with occasional showers, falling as sleet or snow down to 500-600m. Staying generally cloudy through much of Tuesday, with showers becoming more frequent and locally heavy later, and tending to merge to give some longer spells of rain, with sleet or snow above 500-600m. Showers dying out early in the evening with some clear spells by midnight.

Chance of cloud free mountain/hill tops above 600m: 30%, becoming 70% during the day.

Visibility: Moderate or poor at times early in the day with areas of cloud 400-500m, but improving very good outside of showers as cloud lifts during the morning. Moderate or poor at times in showers, temporarily very poor in any heavy wintry precipitation.

Forecast for Tuesday 04 May 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 W	17/25 NW	25/36 NW	23/34 NW	18/27 NW	17/25 N	13/20 NW	9/16 NW	10/17 NW
300	7/16 NW	13/25 NW	17/34 NW	17/33 NW	14/27 NW	13/24 NW	9/17 NW	5/13 NW	6/14 NW
Valley	7/16 NW	12/26 NW	15/33 NW	16/33 NW	14/28 NW	12/24 NW	9/18 N	3/8 NE	3/9 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-0	1/-4	1/-6	2/-5	2/-4	2/-4	1/-4	0/-4	-0/-5
300	5/3	3/-1	3/-2	4/-1	5/1	5/1	3/-0	2/0	1/-1
Valley	6/4	4/0	4/-0	6/2	7/3	7/3	5/2	3/2	2/1
Freezing Level*	1100m	800m	700m	700m	800m	800m	700m	600m	500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Winds likely 10-15mph stronger than shown at 600m at times across highest peaks. Severe wind chill likely on peaks in the morning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 03 May 2021	9.6mm	12.4mm	12.4mm

Forecast for Wednesday 05 May 2021

Weather: Dry with clear spells through the early hours. Then a mainly dry start to Wednesday, but scattered showers developing by afternoon, these again possible heavy, and with some sleet or snow across the summits.

Maximum wind: NW 15 gust 20mph, but gust 25-30mph near any heavy showers.

Chance of cloud free mountain/hill tops above 600m: 90% or more.

Visibility: Very good or excellent with cloud generally near or above summits. Moderate to good in any showers.

Temperature: **Valleys:** MS 01 C becoming PS 08 C
At 600m: MS 02 C becoming PS 04 C
Freezing level: Near the surface, becoming above the summits.